

[Web](#) [Images](#) [Videos](#) [Maps](#) [News](#) [Shopping](#) [Gmail](#) [more](#) ▼

[Scholar Preferences](#) | [Sign in](#)

Google scholar

((search or request or query or retrieve or match

Search

[Advanced Scholar Search](#)

Scholar

Articles and patents

anytime

include citations



[Create email alert](#)

Did you mean: ((search or request or query **for** retrieve or match) near ((exact or completed or completion or entire or full or total or whole) near (term or word))) near ((unspecified or character\$1 or symbol\$1 or portion or partial or part) near (noun or verb or phrase

Your search - ((search or request or query or retrieve or match) near ((exact or completed or completion or entire or full or total or whole) near (term or word))) near ((unspecified or character \$1 or symbol\$1 or portion or partial or part) near (noun or verb or phrase - did not match any articles.

Suggestions:

Make sure all words are spelled correctly.

Try different keywords.

Try more general keywords.

Try fewer keywords.

[Try your query on the entire web](#)



[Create email alert](#)

Did you mean to search for: ((search or request or query **for** retrieve or match) near ((exact or completed or completion or entire or full or total or whole) near (term or word))) near ((unspecified or character\$1 or symbol\$1 or portion or partial or part) near (noun or verb or phrase

((search or request or query or retrieve

Search

[Go to Google Home](#) - [About Google](#) - [About Google Scholar](#)

©2010 Google